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TI Cement-based hydraulic compositions, fiber-reinforced cured hydraulic products, and method for their on-site placing
IN Takizawa, Kiyoshi; Saito, Tadashi; Ogawa, Atsuhisa; Suemori, Hisashi; Yasuhiro, Hideki
PA Kuraray Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
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LA Japanese
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CC 58-3 (Cement, Concrete, and Related Building Materials)
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AB The compns. comprise cement-based hydraulic materials contg. silica fume, blast-furnace slag, and/or fly ash (C) 750-1300, aggregates (S) 400-1100, water (W) 270-420 kg/m³, and reinforcement fibers having fineness 55-270 dtex and satisfy 2.625 - 0.0075X .ltoreq. Y .ltoreq. 3.375 - 0.0075X and 47Y + W = 253 - 47Y + 293, where Y = C/S. Hardened products of the compns. and on-site placing of the compns. and the products are also claimed. The products have high toughness and resistance to vibration.

ST cement hydraulic product fiber reinforced; vibration resistant fiber reinforced mortar; blast furnace slag fiber reinforced cement; fly ash fiber reinforced cement; silica fume fiber reinforced cement

IT Cement (construction material)
(Cement-based hydraulic compns., fiber-reinforced cured hydraulic products, and method for their on-site placing)

IT Vinal fibers